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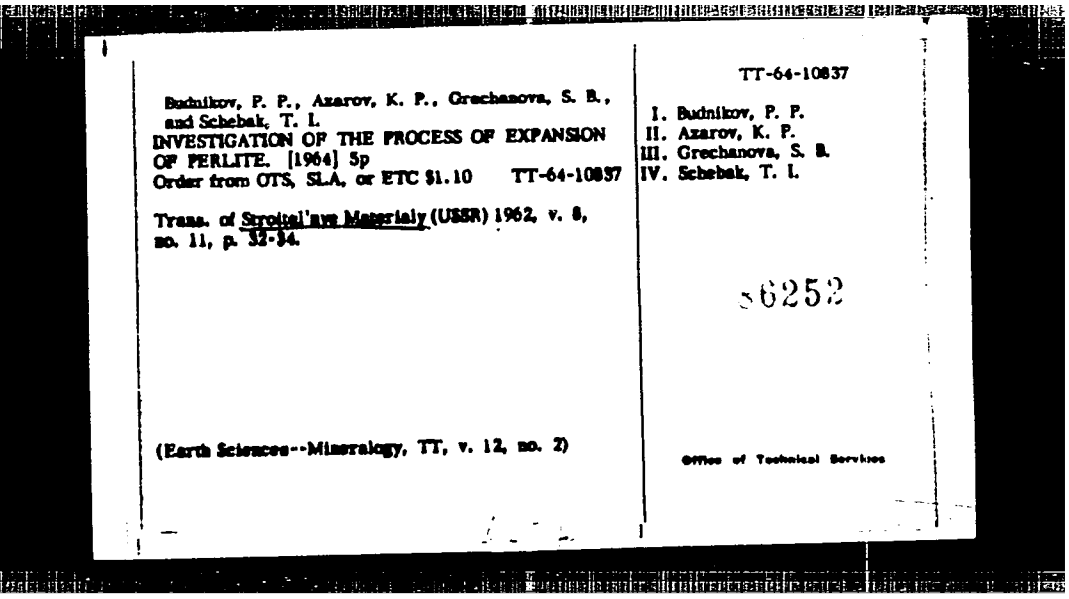

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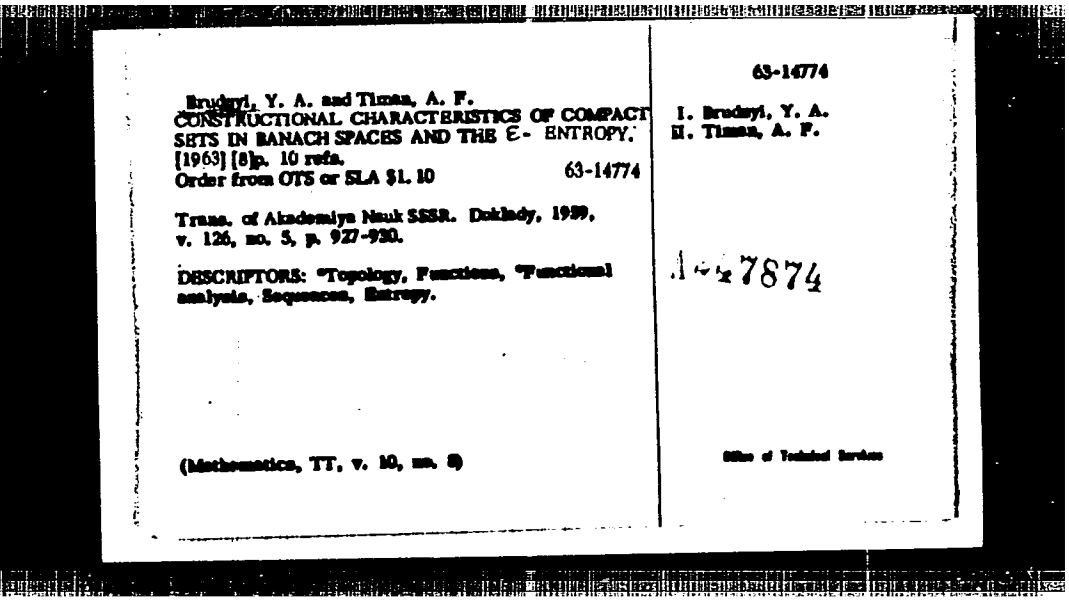

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Report no. 55.

DESCRIPTORS: *Helicopters, Propulsion, Pulsejet engines, *Jet propulsion, Jet engines, Design.

(Machinery--Propulsion Systems, TT, v. 11, no. 4)

TT-63-20547

I. Title: Reaction propulsion engine
I. Bruel, A.
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DESCRIPTORS: *Helicopters, Hovering, Rotary wings, Control, Stability, Automatic pilots.

The instability of helicopters while hovering can be either suppressed by devices using automatic pilot systems or improved with regard to comfort by increasing the period of oscillation. If there is (Engineering--Aeronautical, TT, v. 11, no. 3) (over)

TT-63-20548

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[Atmosfernaya Pyl' nad Kaspiiskim Morem). 1955 [14] p. 32 refs.
Order from OTS or SLA $1.60 62-19048

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geograficheskaya, 1954, no. 4, p. 18-28.
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DESCRIPTORS: Atmosphere, *Particles, Caspian Sea, Dust storms, *Sedimentation, Meteorological phenomena

(Earth Sciences--Oceanography, TT, v. 9, no. 9)

62-19048

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THE BIOLOGICAL ACTIVITY OF d-α, dl-α- AND l-α-TOCOPHEROL PREPARATIONS. 22 Jul 63, 16p 19refs
Order from SLA $1.60 63-18943

Trans. of Intern[ationale] Z[eitschrift für] Vitaminforsch[ung] (Switzerland) 1963, v. 33, p. 180-196.

DESCRIPTORS: *Vitamin E, *Biological assay, Molecular isomerism, Drugs

The biological activity of various d-, dl-, and l-α-tocopherol preparations was tested in the hemolysis test in rats. It was shown that d-α-tocopheryl acetate, depending on the application form, has a relative activity factor of 1.74 or 2.13 and the l-tocopheryl acetate has an activity of 0.51 compared with a dl-tocopheryl acetate with an optically uniform side chain. Moreover
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(over)

63-18943

I. Brüggemann, J.
II. Niesar, K.-H.
III. Zentz, C.

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H. R. Brugger and W. Kanzlig, 21 pp.

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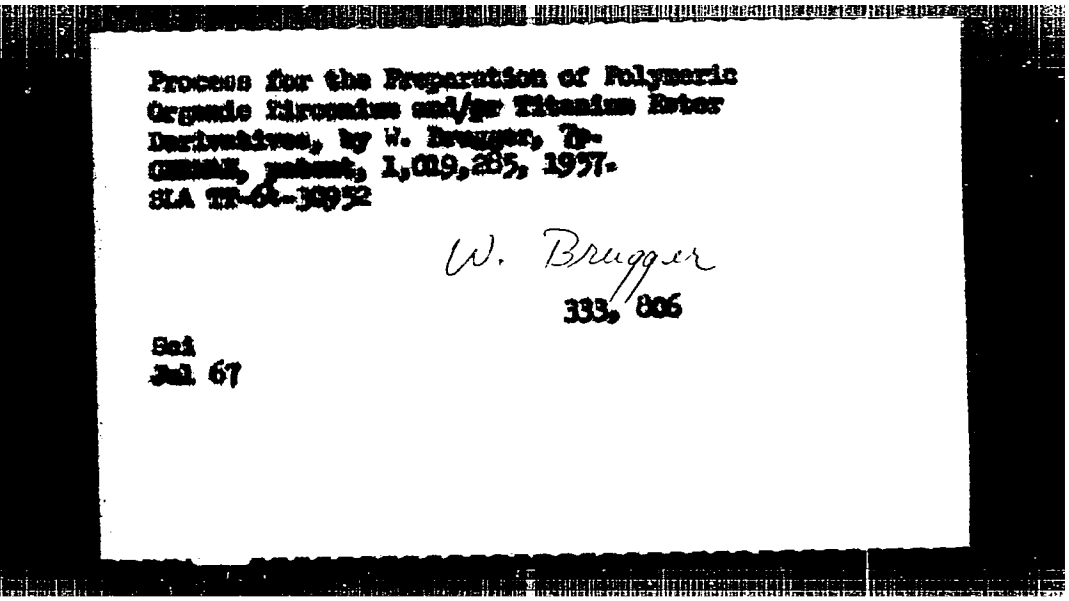

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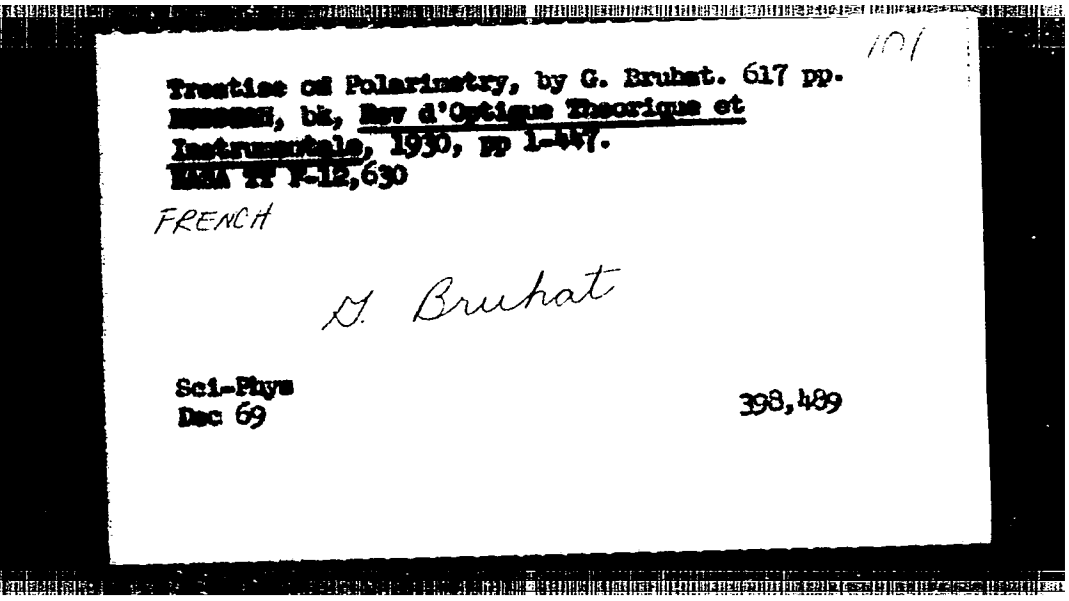

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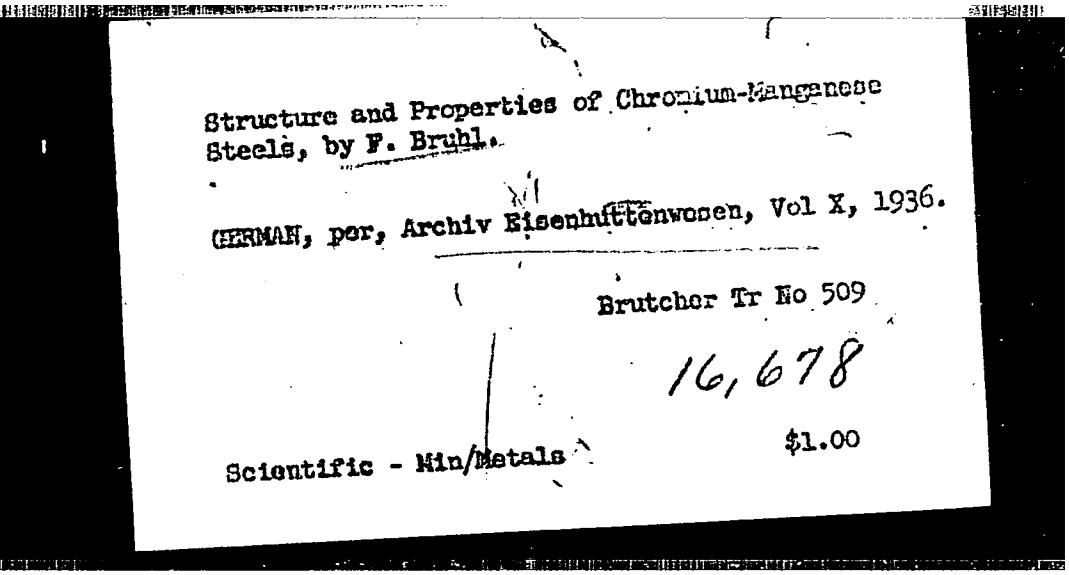

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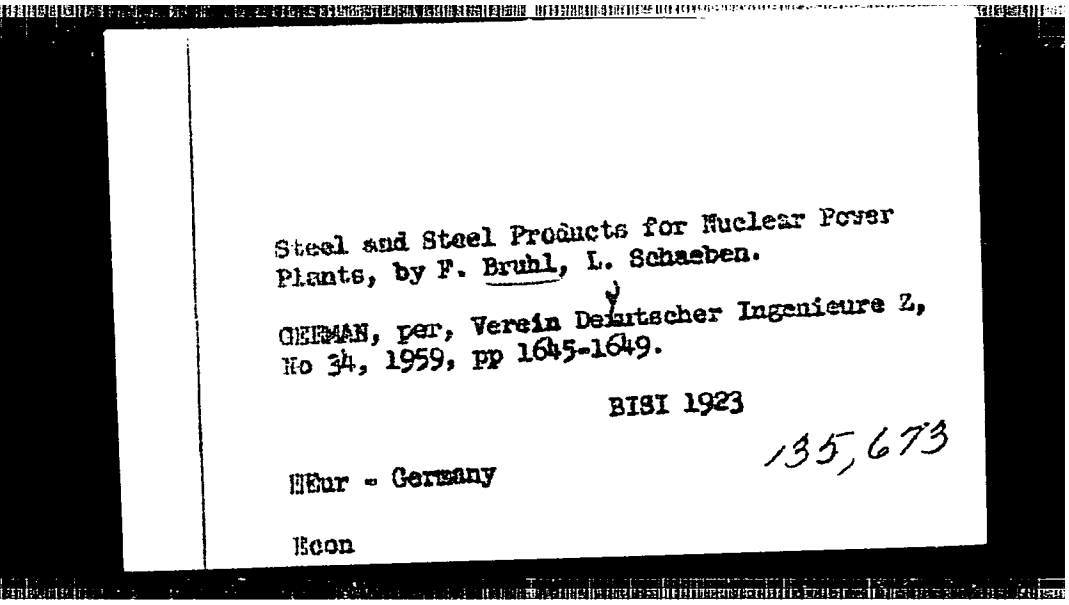

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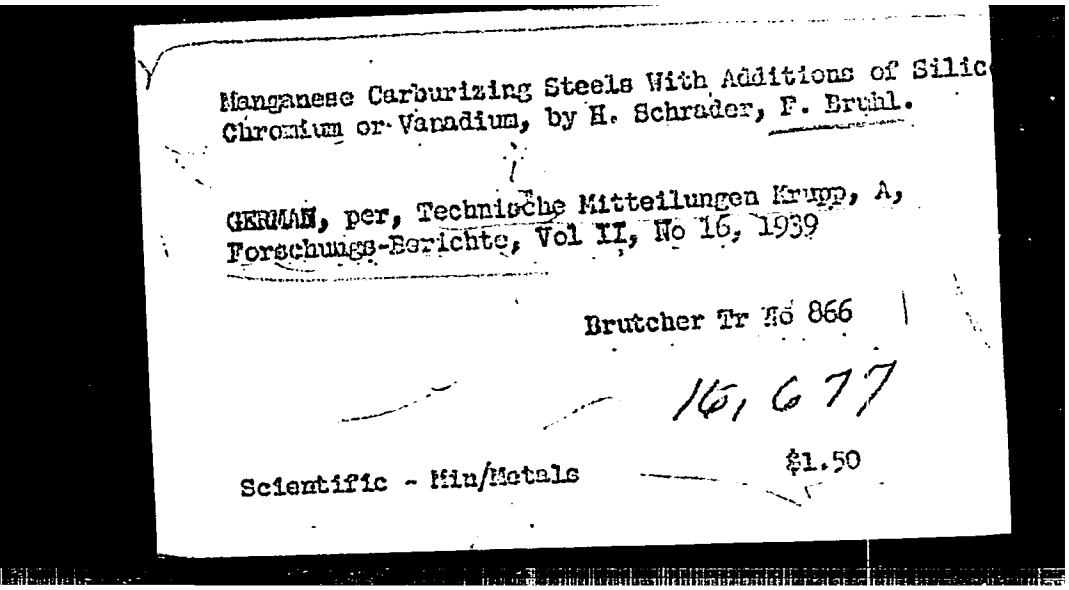

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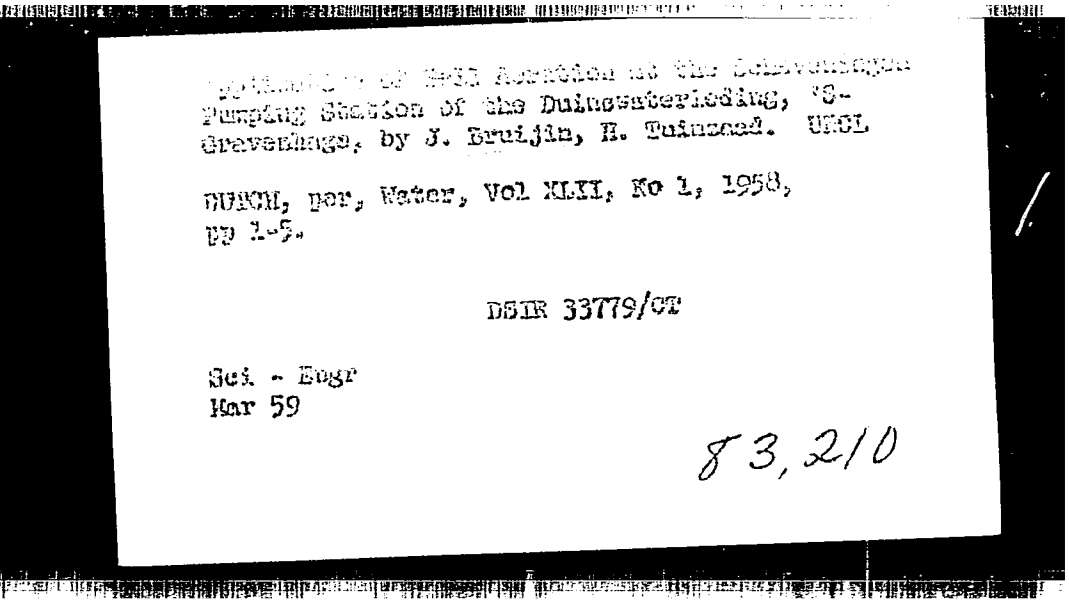

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Biogenic Elements in the Sediment Solutions of the Northern, Middle, and Southern Part of the Caspian Sea
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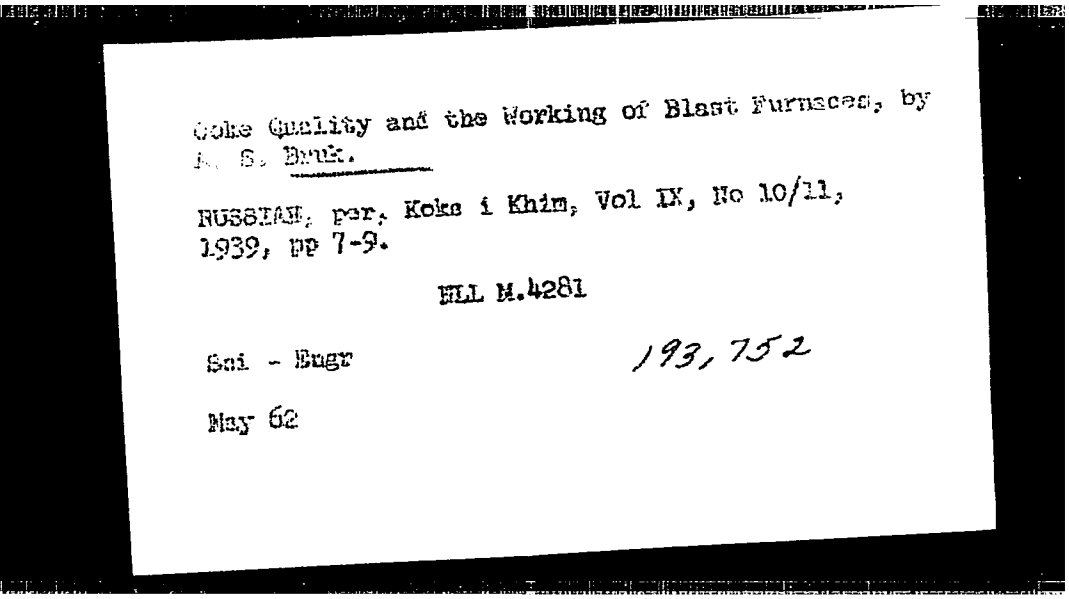

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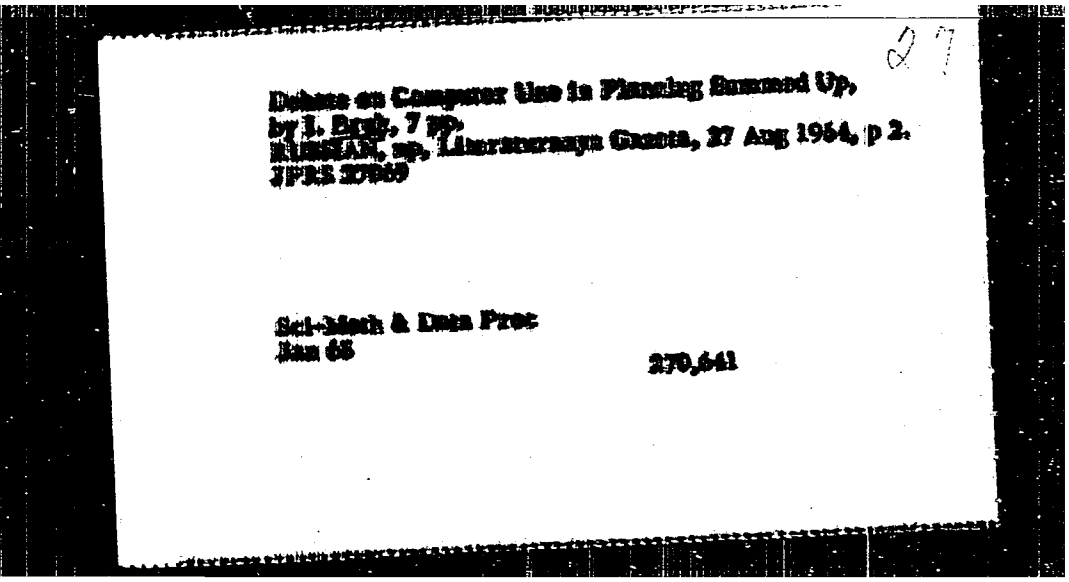

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